

New software enables rapid response to time-critical emergencies

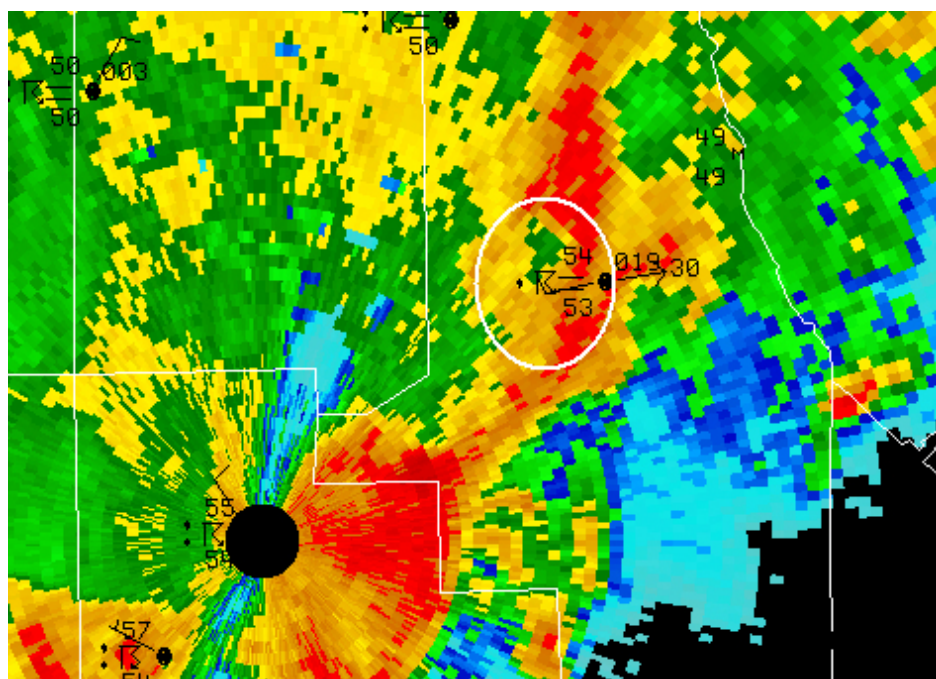
RESEARCHERS at Argonne and The University of Chicago have demonstrated a new specialized software system that provides computational resources quickly for emergency applications affecting public health, safety and security. This new system, called SPRUCE (Special PRIORITY and Urgent Computing Environment), supports urgent computing on both traditional supercomputers and distributed computational Grids.

The SPRUCE system was demonstrated at the Argonne and TeraGrid booths at Supercomputing 06, the world's premier supercomputing and networking conference. The demonstration featured a hypothetical situation in which scientists requested immediate access to the TeraGrid supercomputers at The University of Chicago to make time-sensitive analyses of a fast-evolving weather emergency.

"SPRUCE makes massive resources available on short notice for critical applications," said Pete Beckman, leader of the SPRUCE project, computer scientist at Argonne, and senior fellow at the University of Chicago Computation Institute.

The system provides users with "right-of-way" tokens applicable to a select set of computer resources and urgency levels. During an emergency, a token can be activated either automatically via Web services or manually from a Web-based portal.

Computer resources that are



A new specialized software system called SPRUCE can make massive computational resources available on short notice for critical applications. One application may be forecasting severe weather, such as this thunderstorm that produced a "downburst" damaging wind event near Midway Airport in March 2006. If severe storm forecasts are required, SPRUCE can provide access to resources at some of the nation's largest supercomputer centers.

linked into the SPRUCE system can respond to the emergency call, for example, by preempting other jobs or running them immediately after the current job completes.

"Severe weather prediction can be computationally intensive, and naturally the workload is unpredictable," said Kelvin Droegemeier, head of the National Science Foundation LEAD project (Linked Environments for

Atmospheric Discovery) and associate vice president for research at the University of Oklahoma. "We need access to supercomputers quickly when severe storm forecasts are required. With SPRUCE, we can rapidly get resources at some of the nation's largest supercomputer centers."

"Integrating the weather forecast models available from the LEAD Web (See "SPRUCE," page 2)

University names Donald Levy vice president for research and for national laboratories



Levy

DONALD Levy, the Albert A. Michelson distinguished service professor in chemistry at the University of Chicago, has been appointed the university's

vice president for research and for national laboratories. The appointment was effective Jan. 1.

As vice president, Levy will work closely with University President Robert Zimmer, Provost Thomas Rosenbaum, deans and the directors of Argonne National Laboratory and Fermi National Accelerator Laboratory to advance research at the university and the laboratories.

"Don Levy has the intellectual standing as well as the administrative talents to take on this important role," Zimmer said. Levy succeeds Rosenbaum, who became provost of the university.

"While his responsibilities will enhance our work across the university, this is a particularly important time for our relationships with Argonne and Fermilab," Zimmer said. "The recent decisions by the U.S. Department of Energy to award the management contracts for these national laboratories to the university and our academic and management partners increase our oversight responsibilities, enhance our ability to contribute to the advancement of the laboratories, and offer new opportunities for significant research collaborations."

As vice president, Levy will play an important role in representing the university and projecting its research accomplishments. He will have responsibility for promoting research activity and related matters of university-wide policy, while supporting deans with their sponsored research efforts. He also will oversee the Office of Technology and Intellectual Policy (UChicagoTech) and the Office for Partnerships and Technology.

Levy joined the University of Chicago faculty in 1967. He is a former chairman of the Chemistry Department, and he played an important leadership role in planning the new Gordon Center for Integrative Science. A physical chemist, Levy was a leader in developing and using supersonic jet cooling to study the structure of molecules.

Levy is editor of the *Journal of Chemical Physics*. His awards include the E. Bright Wilson Award in Spectroscopy and the Ellis Lippincott Award from the Optical Society of America. ■

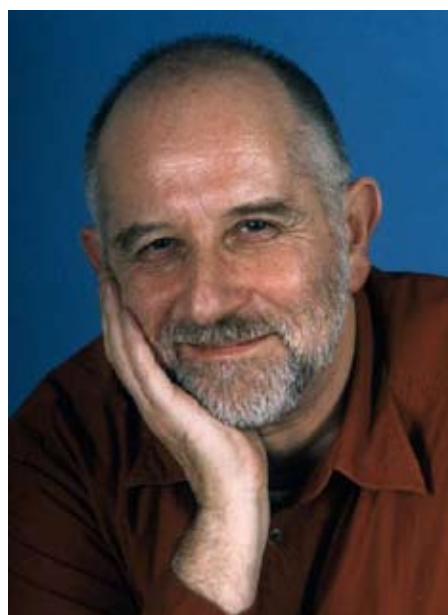
Colloquium to focus on mathematics and light

SIR Michael Berry of the Department of Physics, University of Bristol, will speak on "Making Light of Mathematics" at a Director's Special Colloquium Monday, Feb. 19, at 10 a.m. in the Building 402 Conference Center.

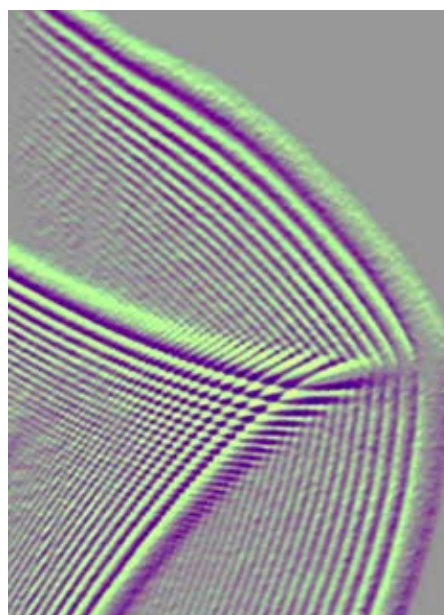
Berry will discuss the many mathematical phenomena that find application and sometimes spectacular physical illustration in the physics of light. Concepts such as fractals, catastrophe theory, knots, infinity and zero are needed to understand rainbows, sparkling seas, oriental magic mirrors, and simple experiments on interference, polarization and focusing. Berry's presentation will include many visuals.

Berry is professor of Physics at Bristol University. He holds many honors, including the Paul Dirac Medal and prize of the Institute of Physics, the Maxwell Medal and Prize of the Institute of Physics, the Wolf Prize in Physics, and the Chancellor's Medal of the University of Bristol.

All employees whose schedules permit are invited to attend the lecture. ■



Sir Michael Berry, who will speak at a Director's Special Colloquium Feb. 19, finds delight in uncovering down-to-earth, dramatic and sometimes beautiful examples of abstract mathematical ideas. His image of a laser pointer shining through irregular bathroom-window glass illustrates abstract aspects of wave interference. More examples can be found on his Web site at www.phy.bris.ac.uk/people/berry_mv/ (Click "Gallery"). Image courtesy Michael Berry.



SPRUCE

(Continued from page 1)

portal with SPRUCE demonstrates the flexibility of our advanced Web-based tools for collaboration and scientific computation,” said Dennis Gannon, a computer science professor at Indiana University, who is co-director of the LEAD Web portal with Beth Plale, also a professor at Indiana University.

“By providing fast, immediate access, SPRUCE can assist with urgent decisions required by flash floods or wildfires, where late results can be useless,” Beckman said. “We envision in the future, that all of the nation’s largest supercomputers will be ready to provide urgent computing to support and protect the nation.”

The SPRUCE system currently is deployed on NSF TeraGrid resources at five sites: The University of Chicago/Argonne National Laboratory, National Center for Supercomputing Applications, Purdue University, San Diego Supercomputer Center and Texas Advanced Computing Center.

The TeraGrid project, funded by the National Science Foundation, is the world’s largest distributed infrastructure for open scientific research. ■

Argonne Management Systems program takes first steps toward ISO certification

A steering committee comprising Argonne’s associate laboratory directors and the laboratory’s director and deputy director will guide the Argonne Management Systems (AMS) program, aimed at developing management systems to improve the laboratory’s processes, efficiency and productivity and achieve ISO 9000 and ISO 14000 certification.

The steering committee was one result from a Dec. 13 kickoff meeting for AMS. The meeting was chaired by Deputy Laboratory Director Don Joyce, who will champion the program, and attended by Associate Laboratory Directors Murray Gibson, Al Sattelberger and Bo Arnold. Contributing to the discussion were Argonne Director Robert Rosner, Communications and Public Affairs Director Suraiya Farukhi, FMS Director Gail Stine, Chief Financial Officer Mike Bartos, General Counsel Bill Luck, Quality Assurance Manager Emily Wilson, EQO Deputy Director Tim Tess and AMS Coordinator Matt Lindsay.

“This is where we begin the transition from inspiration to perspiration,” Joyce said.

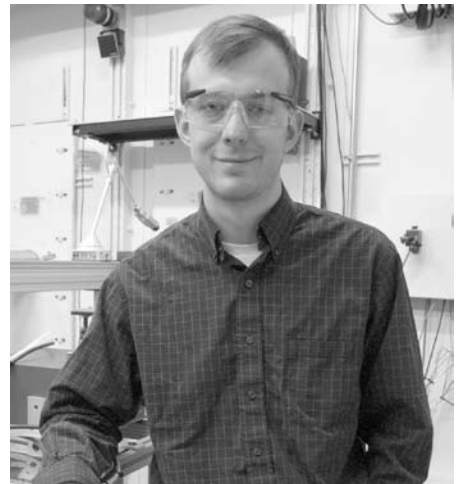
The group also decided on some

general principles of AMS, including the goals of reducing the laboratory’s documentation burden. To that end, representatives will be selected from throughout the laboratory to collect and review documentation, and gather information for a gap analysis. Preliminary plans for training steering committee members and AMS representatives were also discussed.

The AMS program will involve nearly all employees at the laboratory through an evaluation of processes, documentation and working relationships. Although certification is secondary to the goal of improving Argonne’s management systems, parallel ISO 9000 (quality) and ISO 14000 (environmental) certification will be granted when a third-party audit confirms that the laboratory adheres to a nationally and internationally recognized set of effective business and environmental standards.

More information regarding Argonne’s Management Systems will appear in Argonne Today and Argonne News during 2007, and a Web site with frequently asked questions is under development. AMS coordinator Matt Lindsay (EQO) can be reached at ams@anl.gov. ■

Peter Chupas Named 2006 Recipient of the Sidhu Award



Peter Chupas (XSD) in the 11-ID-B enclosure. Chupas has received the Pittsburgh Diffraction Society’s Sidhu Award.

PETER Chupas of the Argonne Experimental Science Division (XSD) Chemistry, Environmental, and Polymer Science Group has been named the 2006 recipient of the Sidhu Award, given each year by the Pittsburgh Diffraction Society “for the best contribution to crystallography or diffraction by an investigator within five years of the Ph.D.”

Chupas was recognized for his work on studies leading to the development of a new method for rapid collection of pair-distribution-function (PDF) data. This is now the method of choice for PDF measurements and forms the basis of the United States’ first and only dedicated pair-distribution-function beamline, 11-ID-B at the Advanced Photon Source, for which Chupas is the beamline scientist.

The Sidhu awardee receives \$500 and a certificate. A condition of the award requires the recipient to deliver the Sidhu Award Lecture at the Pittsburgh Diffraction Conference, held each year at Duquesne University in Pittsburgh, which Chupas did this past October.

The Sidhu Award is made in memory of Professor Surhain Sidhu, who was a founding member of the Pittsburgh Diffraction Conference. At the time (1942), he was Professor of Physics and Director of the X-ray Laboratory at the University of Pittsburgh. Later, he moved to Argonne, where he pioneered the use of the null matrix in neutron diffraction. This involves choosing isotopes of an element in the proportion that gives a zero net coherent scattering factor. The procedure has been widely used for studying biological materials in which the isotopic ratio of H to D is appropriately adjusted.

Past winners of the Sidhu Award include Qun Shen (1988) and Jin Wang (1994). Both are now group leaders in XSD, Shen for the X-ray Microscopy and Imaging Group and Wang for the Time Resolved Research Group.

To learn more about this work, see [Peter J. Chupas et al., J. Appl. Cryst. 36, 1342 b\(2003\)](#); [Karena W. Chapman et al., Chem. Comm., 38, 4013 \(2006\)](#), DOI: [10.1039/b607250j](#); and [Karena W. Chapman et al., J. Am. Chem. Soc. 127, 11232 \(2005\)](#), DOI: [10.1021/ja053266k](#). ■

Safety council OKs strong traffic safety measures

THE Director’s Safety Council recently approved recommendations prepared by the Traffic Safety Committee focused on improving overall traffic safety at Argonne. The committee recommended that specific personnel actions be undertaken depending on the number of traffic offenses occurring in a 24-month period. The recommendations took effect Jan. 1.

The Traffic Safety Committee identified seven offenses as serious traffic safety violations:

- Exceeding posted speed limit
- Failure to stop for pedestrians in a crosswalk
- Failure to wear seatbelts
- Failure to come to a complete stop at stop signs
- Failure to wear a safety helmet as required by policy (15.1 Traffic Safety and Vehicle Incident Reporting)
- Parking in a fire lane or blocking a fire hydrant
- Parking in a no parking zone which blocks building dock areas

Traffic offenses more serious than these may be referred directly to Human Resources for appropriate action.

Progressive disciplinary action will be taken with employees who receive multiple citations. Throughout this disciplinary action process, division directors and associate laboratory directors are responsible for meeting with employees issued traffic safety violations and taking progressive

disciplinary action as appropriate for each traffic safety offense. Division directors will also be required to assure that the safety violations are noted for a “needs improvement” rating on the ESH performance section of the annual performance appraisal for all non-union employees. Employees who choose to voluntarily attend a safe-driving course at their own expense, on their own time, can present their certification of completion for credit in reducing the level of progressive steps outlined below.

First offense: An employee receiving his or her first serious traffic safety violation will be issued a letter from the director of the Security and Counterintelligence Division (SCD). The letter will include notice that on-site driving privileges can be revoked if multiple offenses occur within a 24-month period. A copy of the letter will be sent to the employee’s division director for discussion with the employee. The letter will require that the employee read and document his review of ESH Chapter 15.1 Traffic Safety. The documentation will be sent to the director of SCD and to the employee’s division director.

Second offense: An employee receiving a second serious traffic safety violation within a 24-month period will receive a letter from his or her division director. The letter will include a written disciplinary warning and written notice that if another offense occurs within 24 months, on-site driving privileges will be suspended for 30 days. The division director must send a copy of the corrective action taken to the appropriate associate laboratory director, HR director and the SCD director.

Third offense: An employee receiving a third serious traffic safety violation within a 24-month period will receive a letter from the appropriate associate laboratory director notifying the employee that on-site driving privileges have been suspended for 30 days. The letter will include a written reprimand and written notice that if another offense occurs on site within 24 months, driving privileges will be suspended for six months. The associate laboratory director must send a copy of the corrective action taken to the appropriate division director, HR director, and SCD director.

If the employee voluntarily attends a safe driving course at the employee’s expense, on the employee’s own time, he or she can present a certificate of completion to the appropriate associate laboratory director to regain on-site driving privileges.

Fourth offense: An employee receiving a fourth serious traffic safety violation within a 24-month period will receive a letter from the laboratory director notifying him or her that on-site driving privileges have been suspended for six months. Corrective action up to and including termination of employment may be taken. A copy of the corrective action taken will be sent to the employee’s associate laboratory director, division director, HR director and SCD director.

Appeals Process: The employee must notify and request an appeal from the SCD director within 30 days of the violation. The appeals panel will consist of the chair of the Traffic Safety Committee, an HR representative and the division director or management designee from the employee’s division. ■

NEED A RIDE TO THE UNIVERSITY OF CHICAGO? A FREE SHUTTLE BUS MAKES ROUND TRIPS EVERY WORK DAY. FOR MORE INFO, SEE WWW.ANL.GOV/VISITING_SHUTTLE.HTML

Gropp named fellow of ACM

WILLIAM Gropp has been named a fellow of the Association for Computing Machinery (ACM). Gropp joined Argonne in 1990 and is a senior computer scientist in the Mathematics and Computer Science Division.

ACM is the world’s first educational and scientific computing society for professionals and students. Its goal is to advance computing by disseminating computing research and providing forums to address challenging computing issues. The ACM Fellows Program recognizes outstanding members for their achievements in computer science and information technology and for their significant contributions to the mission of the ACM. Typically, only 20-30 fellows are named each year.

An outstanding example of Gropp’s achievements is his initiation of the design and development of MPICH, an open-source implementation of the



Gropp message-passing interface standard now widely used for solving significant scientific and engineering problems on parallel computers. MPICH2 won a prestigious R&D 100 award from *R&D* magazine in 2005.

Complementing his research contributions is Gropp’s leadership in high-performance computing. He was deputy scientific director of Argonne’s Advanced Computing Research Facility, with responsibility for coordinating workshops, institutes and classes in parallel computing and interacting with vendors and developers of new parallel computers. Subsequently, he was executive director of Argonne’s Center for Computational Science and Technology, which has evolved and now features an IBM Blue Gene/L system.

Gropp has coauthored more than 150 papers, is a senior fellow of the University of Chicago/Argonne Computation Institute and has been series editor of the scientific computation section for MIT Press since 2003. ■

3 Argonne scientists honored by American Physical Society

THREE Argonne researchers have been named Fellows of the American Physical Society (APS), recognizing their outstanding contributions to physics.



Lumpkin

which has led to a better understanding of the dynamics of accelerator and photon source-related physical processes.”



Klippenstein

application of quantitative theoretical methods for predicting the kinetics of chemical reactions in the gas phase.”



Ostroumov

ion linear accelerators.”

Members of the American Physical Society are eligible for nomination and election to fellowship. Each nomination is evaluated by the Fellowship Committee of the appropriate APS division, topical group or forum. After review by the APS Fellowship Committee, the successful candidates are elected by APS Council. Fellowship is a distinct honor, signifying recognition by one’s professional peers, and is limited to no more than one half of one percent of APS membership. ■

Altenberg Trio to perform at Argonne Feb. 10



THE Altenberg Trio Vienna will perform at Argonne’s Building 402 Conference Center Saturday, Feb. 10, at 8 p.m. The program includes selections by Beethoven, Mozart and Brahms.

One of the few full-time piano trios in the world of chamber music, the Altenberg Trio Vienna has earned the reputation of one of the most daring and consistent ensembles in this category.

The concert is open to the public. Visitors who are U.S. citizens need photo identification to enter the site, and should call to register before the concert. Non-U.S. citizens must register before the event by calling (630) 252-

3751 during business hours.

Admission is \$25. To order tickets, call ext. 2-3751 or mail a request using the online ticket request form. Remaining tickets will be available the week of Feb. 5 in the Building 213 Cafeteria between noon and 1 p.m.

Arts at Argonne will hold two more concerts in the 2006 – 2007 Chamber Music series:

- Stephen Marchionda, guitar, will perform Saturday, March 17
- Tapestry, vocal ensemble, will perform Saturday, May 12 ■

www.anl.gov/ARTS/upcoming.html

AFRICAN-AMERICAN/BLACK CLUB TO HOST ART AND CULTURAL EXHIBIT

Argonne’s African-American/Black Club will present its Third Annual Art & Cultural Exhibit Thursday, Feb. 8, and Friday, Feb. 9, in the Building 213 Cafeteria Lobby at lunchtime.

The exhibit will feature art from the the Cynthia J. Reed Gallery. Various artists will display African dolls, sterling silver, African clothing and body products and Annie Lee artwork and collectibles.

LIBRARY ACQUIRES ISO 9000 MATERIALS

The Argonne Research Library recently purchased several books dealing with ISO 9000 as well as a subscription to the official ISO 9000 family of standards. The list of ISO 9000 book titles as well as directions for linking to the ISO 9000 standards is available on the library Web site at www.aim.anl.gov. To request a book, click on the individual book title to link to the library catalog and select “Submit Request.”

IN MEMORIAM

DANIEL N. BOUNELIS, a retired director of quality assurance with 14 years of service in QAD, died Nov. 20. His wife, Lois, survives him.

KOSTAS BURBA, a retired electrical engineer with 23 years of service in ARF, died Nov. 3. His daughters, Nora and Mary, survive him.

JERRY CHRISTENSEN, a retired with 24 years of service at Argonne-West, died Oct. 21. His wife, Dorothy, survives him.

DEAN A. DAVIS, a retired assistant division director with 36 years of service in CSD, died Oct. 18. His wife, Marion, survives him.

CARL FINCH, a retired waste management foreman with 42 years of service, died Oct. 17. His wife, Ramona, survives him.

JAMES W. MEADOWS, JR., a retired nuclear engineer with 34 years of service in EP, died Oct. 24. His wife, Mary, survives him.

WALTER F. PRAEG, a retired senior engineer with 27 years of service in APS, died Sept. 20. His wife, Lieselotte, survives him.

NICHOLAS P. QUATTROPANI, a retired senior technician with 31 years of service in CMT, died Nov. 22. His wife, Pat, survives him.

JAMES E. SLATTERY, a retired senior technician with 34 years of service in MSD, died Oct. 11. His wife, Irmgard, and children survive him.

FRED E. SOPPET, a retired senior technician with 35 years of service in ET, died Nov. 9. His wife, Gladys, survives him.

ANTHONY THOMAS, a retired mechanical engineer with 30 years of service in ES, died Oct. 1. His wife, Rose, survives him.



The Argonne Choral Group, here shown following a performance in the Building 201 Lobby in 2006, has brightened the laboratory’s holiday seasons for a quarter-century. The Argonne Choral Group invites anyone, regardless of experience, interested in singing to meet Thursday, Jan. 18, at noon in the Building 362 Auditorium to discuss the possibility of year-round performances. *Photo by George Joch.*

Classifieds

MISCELLANEOUS

WATCH — Movado ladies watch, completely overhauled, new leather strap. \$75. Bert Toppel, (630) 355-3323.

EXCERISE MACHINE — NordicTrack Pro Cross-Country Ski machine, speedometer/chronometer, adjustable resistance and elevation, folds for storage, excellent condition. \$50 Mike Ferrigan, (630) 852-0674.

MISCELLANEOUS — Play Station 2 small version, two controllers – one is wireless, 6 games. \$145 o.b.o. Tim Tess, (630) 833-4586.

MISCELLANEOUS — Fireplace and irons, brass. \$30. Robbie Dalton, (630) 920-8412.

LUGGAGE — Boyt soft side, 26", wheeled suiter, olive. \$40. 22" wheeled suiter, olive. \$35. 14" shoulder tote, blue. \$25. Patrick Garner, (630) 963-3082.

MISCELLANEOUS — Little Tikes lighted desk. \$30. Home Depot work bench. \$20. Barbie talking townhouse. \$25. Two-story dollhouse. \$25. All in great condition. Colleen Tobolic, (815) 439-1604.

SNOWBLOWER — Ariens, 8 hp, 2 stage. \$550. Toro s200, electric start. \$150. Scott Gildo, (630) 834-1550.

MISCELLANEOUS — Ovation Cutaway Celebrity guitar model #CC 059, deluxe equalizer, classic stringing, hard case, mint condition. \$350. 5 piece antique brass fireplace tool set with stand. \$25. 6 piece black wrought iron fireplace tool set with stand. \$30. Southwest print, 48x36, metal frame. \$25. 3, ivory pleated window shades, 21_ x60" with hardware. \$21. 3, ivory Levelor metal mini blinds, 21 1/4x60. \$21. Walnut look computer desk and table, 47x30". \$20. Pro-form heavy duty treadmill with incline control. \$150. Margaret Collins, (630) 325-5505.

MISCELLANEOUS — Girls white rabbit jacket, size 12, very good condition. \$50 o.b.o. John Deere tractor, wagon and harvester. \$20 o.b.o. Crystal Baltzen, (630) 739-6408.

PIANO — Yamaha, 6'1" grand, ebony, excellent condition. \$15,000. Shari Zussman, (630) 968-4514.

MISCELLANEOUS — Futon, queen. \$160. Futon, full. \$130. Bed, queen. \$130. 2, chests of drawers. \$40 each. 4, stand alone lamps. \$8 each. Dining table. \$40. 5 chairs. \$10 each. Square table. \$40. Oblong table. \$50. Daniel Mazur, (630) 794-9737.

ENTERTAINMENT UNIT — 2 piece set, can hold 27" TV, 6' long, dark brown wood. Paid \$1,000, asking \$650. Cynthia Sullivan, (630) 464-5075.

COMPUTER — AMD AthlonXP 2000+ cpu, 1GB ram, 40GB HD, DVD/CDRW, GF4 TI4200, 128 MB GPU, keyboard, optical mouse. \$250. Paul Brod, (630) 542-9335.

FURNITURE — Pine table. \$10. Pine square storage cocktail table. \$25. Windsor-back kitchen chairs. \$5 each. Pine hallway stand. \$20. Mattress topper, full size. \$30. Photos available. Lee Welko, (630) 257-9262.

MISCELLANEOUS — Canon A-1 camera, Cannon and Kiron lenses, sunpack flash, carry bag and miscellaneous supplies. Best offer. Jim Podraza, (708) 212-5250.

BAT — Youth, senior league, baseball bat, Easton Triple 7 scandium alloy full barrel, 2_ diameter, 30" length, 21.5 oz. \$40 Mark Knickelbein, (708) 848-6536.

AUTOMOBILE

1996 TOYOTA — Camry LE, 4 door sedan, 77.6K miles, excellent condition, dark green, tan interior. \$4,500. Robbie Dalton, (630) 920-8412.

2003 HONDA — Accord, 2 door, 43K miles, excellent condition. \$18,000 o.b.o. Rab Malhotra, (630) 915-1496.

1988 FORD — Taurus sedan, excellent condition, needs A/C work, 120K miles. \$1,200 o.b.o. Joe Falout, (630) 964-0368.

1986 FORD — T-Bird, runs great, needs A/C work, 127K miles. \$800 o.b.o. Joe Falout, (630) 964-0368.

1994 MERCURY — Sable, white, AT, 4 door, 85K miles, new muffler, good condition. \$1,500 o.b.o. Fushen Hou, (630) 335-9981.

2004 BMW — 300i, performance package, white. 40.5K miles, 6 speed manual, black leather, navigation, xenons, moonroof, heated seats, summer and winter wheels, pictures available at <http://www.flickr.com/photos/dsalbego/>. David Salbego, (815) 439-6932 or dsalbego@gmail.com.

1998 DODGE — Durango, 5.2L, V8, 4x4, excellent condition, runs great. \$5,500. Mike Hahne, (815) 223-7006.

2003 NISSAN — Altima 2.5 SL, silver, excellent condition, leather seats, sunroof, BOSE stereo, 36K miles. \$12,900. Harald Sinn, (630) 778-1394.

HOUSING

CONDO/RENT — Downers Grove, 2 bedroom, 2 bath, laundry facility, no pets, pool and club facility, includes heat, water and gas. \$1,095 per month. Sam Ambegaoker, (630) 960-5731.

CONDO/RENT — 2 bedroom, appliances, front/back patios, laundry facility, no pets, heat/hot water included. \$875. Sam Ambegaoker, (630) 960-5731.

APARTMENT/RENT — Willowbrook, 2 bedroom, gas/heat/water included. \$820 mo. Daniel Mazur, (630) 794-9737.

CONDO/SALE — Lisle, Four Lakes, 1 bedroom, 1 bath, new appliances/carpeting, large balcony, reserved parking space. \$131,900. Kay Winner, (815) 254-4250.

HOUSE/SALE — Lemont Timberline, 4/5 bedroom, 3.5 bath, full basement, 3 car garage. \$480,000. Zhili Xiao, (630) 863-6629.

HOUSE/RENT — 3 bedroom, 2.5 bath, 2 car garage. \$1,490. William Henson, (815) 577-3514.

TOWNHOUSE/SALE — 2 bedroom, 2.1 bath, finished basement, end unit. Patt Gheith, (630) 217-2810.

TOWNHOUSE/SALE — Darien, Woodmere end unit, 2 bedroom, 2.5 bath, loft/office area, 2 car garage, appliances. \$299,000. Judy Chiarelli, (773) 612-0804.

CONDO/SALE — Tinley Park, 2 bedroom, 1 _ bath, garage/reserved parking, fireplace, storage room. \$169,900. Jim Podraza, (708) 212-5250.

STUDIO/SUBLEASE — Hyde Park in the Regents Park building, Feb. 15 — Oct. 31, 1 month free. \$1,036 mo. Dolly Batra, (312) 343-0033.

TOWNHOUSE/RENT — Sycamore, 2 bedroom, 2 bath, 1 car garage, pets allowed, 12 month lease required. \$1,075 mo. plus \$1,000 security deposit. Gary Winner, (815) 254-4250.

TO BE GIVEN AWAY

CAT — Friendly, plushy gray, male, declawed, neutered, 4 years old, needs a one-cat home. Karen Haugen, (630) 852-4828.

FAX/PRINTER/SCANNER — OfficeJet 600, old but working condition. Jay Johnson, (630) 378-1248.

KITTEN — Male, gray tabby, recently rescued, all vet care, records, shots current, pictures available. Marlene Nowotarski, (630) 901-5774.

WANTED

WATER SOFTENER — For home. Karen Kucer, (815) 838-3609.

LONGEST-SERVING EMPLOYEES TO BE HONORED

Argonne's longest-serving employees will be honored at a lunch in February.

Employees who achieved 20 years of service during 2006 will be recognized at a luncheon on Tuesday, Feb. 22, 2007, at the Argonne Guest House. Invitations will be sent early in January.

Employees who achieved 25, 30, 35, 40, 45 and 50 years of service in 2006 will be honored at a dinner and dance in spring 2007. The date for this event will be announced in the near future.

SERVICE AWARDS FOR DECEMBER INCLUDE:

40 YEARS
Sherry Moller (OCF), Floyd Munson, Jr. (PHY)

30 YEARS
Michael Chen (CMT), Linda Gaines (ES)

25 YEARS
Patricia Canaday (CPA), Stephen Pratt (CHM)

20 YEARS
Margaret MacDonell (EVS), Steven Miller (ES)

15 YEARS
Harry Cavett (FMS), Jeff Enger (FMS), Jenny Hill (OCF), Tom Horka (FMS), Alex Lumpkin (ASD), Maria Negri (ES), Eugene Swetin (AES)

10 YEARS
Blanca Olivia Arroyo (NE), Michael Duoba (ES), Oleg Makarov (BIO), Robert Sullivan (EVS)

5 YEARS
Filip Kondev (NE), Timothy Ortiz (EQO), Dawn Wilczek (OCF)

RETIREES

JACK C. DEMIRGIAN (EVS) retired Nov. 29 with 24 years of service.

HENRY M. DOWGWILLO (TSD) retired Oct. 13 with 13 years of service.

THOMAS FORNEK (NE-ED) retired Nov. 30 with 20 years of service.

KEITH T. JOHNSON (TSD) retired Oct. 13 with 13 years of service.

NICHOLAS MALEK (FMS) retired Nov. 30 with 18 years of service.

PAUL E. RAUSCH (CIS) retired Oct. 13 with 29 years of service.

FRESH NEWS EVERY DAY

Argonne Today, the laboratory’s daily e-mail broadcast, delivers the latest news updates, seminar listings, safety tips and cafeteria menus right to your computer.

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